



17157 U.S. PTO

**NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No. 004372  
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Docket No. 107156-00233Date: March 30, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

16834 U.S. PTO  
10/812001

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): VOICE COIL FOR LOUDSPEAKER AND LOUDSPEAKER DEVICEBy (Inventors): Toshihiro ISHITAKI, Yutaka MORIYAMA, both of Yamagata-ken, Japan

- ☒ 14 pages of Specification/Claims 1-2/Abstract are attached.  
☒ Formal drawings (Fig(s). 1-7B; 4 sheets are attached.  
☒ A Declaration and Power of Attorney is attached.  
☒ An assignment of the invention to Pioneer Corporation and Tohoku Pioneer Corporation is attached, along with Form PTO-1595 and a check for \$40.00.  
☒ An Information Disclosure Statement is attached, along with Form PTO-1449, and 1 reference.  
☒ Priority of foreign application No. 2003-094404 filed March 31, 2003, in Japan is claimed under 35 U.S.C. §119.  
☒ A certified copy of the above corresponding foreign applications is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY			LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE				\$ 375	OR		\$ 770
TOTAL CLAIMS	2 - 20	= 0	x 9 =	\$	OR	x 18	\$
INDEP CLAIMS	2 - 3	= 0	x 43 =	\$	OR	x 86	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+145 =	\$	OR	+290	\$
			TOTAL	\$	OR	TOTAL	\$ 770

- ☒ A check in the amount of **\$810.00** (\$770 for the filing fee and \$40 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

George E. Gram, Jr.  
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GEO/bgk